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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/074,621

02/13/2002

Anson Chi Kit Cheung

REUT1

7357

6980 7590 01/04/2007
TROUTMAN SANDERS LLP
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ATLANTA, GA 30308

EXAMINER

PENG, FRED H

ART UNIT

PAPER NUMBER

2623

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

01/04/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/074,621

Applicant(s)

CHEUNG, ANSON CHI KI

Examiner

fred peng

Art Unit

2623

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 September 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

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DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-22 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-9, 11-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Nadan (US 5,321,750).

Regarding claims 1 and 13, Nadan discloses an apparatus (FIG.26, 321) and corresponding method for receiving update message for a plurality of records, wherein each record has an Identifier (ID) and wherein each update message comprises an update and one of the IDs (Col. 5 lines 61-68, Col. 6 lines 1-3), the apparatus comprising:

an input (FIG.27, 610) for receiving at least some of the update messages; and

a processor (FIG.27, 622, 690) coupled to the input for processing update message when the ID of the update message is one of a selection of IDs, and for providing a processed update and the one of the selection of IDs to a user application module (FIG.27, 660, Col 52 lines 18-20, lines 25-36), and the processor for storing the update message and the ID of the update message to a data storage units without first processing the update message when the ID of the received update message is not one of the selection of IDs (Col 52 lines 37-38, the incoming update messages all are stored in FIG.27, 642 including the ones that are not one of the selected IDs).

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Regarding claims 2 and 14, Nadan further discloses the processor comprising a cache (FIG.27, 625), the processor for processing the update message when ID is one of watch list of IDs and outputs the update and one of the watch list IDs to the cache (FIG.26, Col. 14 lines 4-6, 9-10, FIG.27 660, Video Output Circuit 2 provides the watch list); wherein the processed update and the one of the watch list IDs are stored in the cache (Col 52 lines 33-35).

Regarding claims 3 and 15, Nadan further discloses the user application module processing the update message in accordance with user specific requirements (Col 5 lines 37-40).

Regarding claims 4 and 16, Nadan further discloses the application module comprising a display module for preparing the update for presentation on a display (Col. 4 lines 45-47).

Regarding claims 5 and 17, Nadan further discloses a user input device coupled to the application module, the user input device for providing inputs from a user to the application module (Col 6 lines 8-12).

Regarding claims 6 and 18, Nadan further discloses a request module coupled to the processor for receive a user request that provides at least one ID, and requesting the cache if the record with at least one ID is stored, then retrieving the record if stored to the application module (Col 3 lines 55-57, Col 4 lines 67-68, Col 5 lines 1-2).

Regarding claims 7 and 19, Nadan further discloses request module coupled to the processor for processing the request ID if not stored in the cache. The processor then checks data storage to retrieve and process the message to produce an updated record to the application module (Col 4 lines 67-68, Col 5 lines 1-6, Col 3 lines 58-61).

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Regarding claim 8, Nadan further discloses the data storage comprising any one of a magnetic, optical and semiconductor data storage device (FIG.27, 642, Interleave RAM is a semiconductor data storage device).

Regarding claim 9, Nadan further discloses the cache comprising any one of a magnetic, optical and semiconductor data storage device (FIG.27, 625, Message Buffer RAM is a semiconductor data storage device).

Regarding claim 11, Nadan further discloses a filter (FIG.27 622) coupled to receive broadcast update message and coupled to the input for providing update message (Col 52 lines 18-25).

Regarding claim 12, Nadan further discloses a receiver (FIG.27, 610) for receiving a broadcast signal and coupled to the filter (FIG.27, 622) to provide the broadcast update message.

Regarding claims 21 and 22, Nadan further discloses each of said update messages including an intermediate update message and a complete consolidated update message (FIG.13, 250A, Col 16 lines 11-14, the Government securities are periodically updated for intermediate message, at the end of closing market, a complete consolidated update message is displayed).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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5. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Nadan (US 5,321,750).

Regarding Claim 10, Nadan does disclose the cache comprising a semiconductor data storage device as described in Claim 7 and the data storage unit comprising semiconductor data storage device as in Claim 8.

Nadan does not disclose the data storage unit comprising a magnetic data storage device.

In an analogous art, people skilled in the art know the data storage unit includes a magnetic data storage device.

It would have been prima facie obvious to one of ordinary skill in the art at the time the invention was made to modify the semiconductor data storage device of Nadan with a magnetic data storage device for permanent and larger data storage.

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

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Conclusion

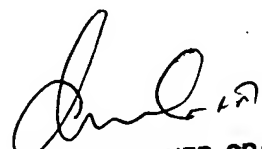
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fred Peng whose telephone number is (571) 270-1147. The examiner can normally be reached on Monday-Friday 08:00-17:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Grant can be reached on (571) 272-7294. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Fred Peng
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